

Inventor: MACKLIN ET AL  
Serial No.: 10/069,011  
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Examiner: MERCADO  
Group Art Unit: 1745

**Amendments to the Claims:**

This listing of claims replaces all prior versions and listings of claims in the application:

**Listing of Claims:**

1. (Currently amended) An anode for a rechargeable lithium cell, the anode comprising carbon nanotubes, characterized in that the nanotubes contain within them a metal or a metalloid selected from the group consisting of aluminum, tin, metallic alloys containing aluminum or tin, or silicon, that can form alloys reversibly with lithium over a range of compositions wherein the metal or metalloid is inside said nanotubes.

2. (Previously Presented) An anode as claimed in claim 1 wherein the carbon nanotubes are bound together by a polymeric binder.

3. (Previously Presented) An anode as claimed in claim 2 comprising both a polymeric binder and a plasticising solvent.

4. (Previously Presented) A rechargeable lithium cell incorporating an anode as claimed in claim 1, a reversible cathode, and an electrolyte.

5. (Previously presented) A rechargeable lithium cell incorporating an anode as claimed in claim 2, a reversible cathode, and an electrolyte.

6. (Previously presented) A rechargeable lithium cell incorporating an anode as claimed in claim 3, a reversible cathode, and an electrolyte.

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7. (New) An anode as claimed in claim 1 wherein the carbon nanotubes are filled with said metal or metalloid.

8. (New) An anode as claimed in claim 2 wherein the carbon nanotubes are filled with said metal or metalloid.

9. (New) An anode as claimed in claim 3 wherein the carbon nanotubes are filled with said metal or metalloid.

8. (New) A rechargeable lithium cell incorporating an anode as claimed in claim 4, wherein the carbon nanotubes are filled with said metal or metalloid.

9. (New) A rechargeable lithium cell incorporating an anode as claimed in claim 5, wherein the carbon nanotubes are filled with said metal or metalloid.

10. (New) A rechargeable lithium cell incorporating an anode as claimed in claim 6, wherein the carbon nanotubes are filled with said metal or metalloid.